

# Expo Rekacipta & Pameran Penyelidikan UniMAP 2009

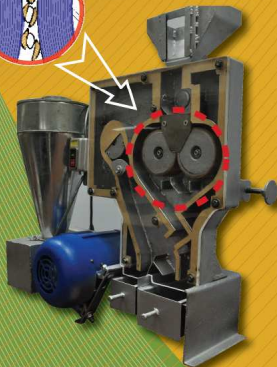
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## CONTACT DETAIL

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## PORTABLE PADDY DEHUSKING MACHINE



### NOVELTY OF INVENTION

Innovation in development of a portable dehusking paddy machine to produced quality brown rice. This invention to assist the farmer to process the paddy for own use or sell it at retail shop in small quantity required.

### OBJECTIVE

1. To develop a Portable Dehusking Paddy Machine with small size, efficient in reduce percentage of rice destruction and cost around below RM 2000.
2. Easy to use and maintenance.

### PROBLEM STATEMENT

1. In Malaysia, only paddy factory use large imported machine for processing our national paddy. Until now, no local companies try to develop a small portable machine of dehusking paddy or use this transfer technology to develop our own machine made by Malaysian expertise.
2. Increase farmer income or SME's entrepreneur through sell product brown rice as healthy food.

### SUMMARY OF INVENTION

A Portable paddy dehusking machine is a simple design of machine to assist the farmer to process the paddy for their own use or to sell in a retail shop. The machine has a capability to de-husk paddy 2kg/5minit.

### ADVANTAGES

1. Portable and low cost in development process
2. Transfer technology for development our brand (Malaysia) rehusking machine by use local expertise
3. Generate income for our farmer in market their agro-product



BEFORE  
DEHUSKING



AFTER  
DEHUSKING



Traditional Method



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